

THE PHILIPPINE JOURNAL OF SCIENCE

VOLUME 57

MAY TO AUGUST, 1935

WITH 48 PLATES AND 29 TEXT FIGURES



MANILA
BUREAU OF PRINTING
1935

DEPARTMENT OF AGRICULTURE AND COMMERCE

EULOGIO RODRIGUEZ, A.B., *Secretary*

JORGE B. VARGAS, A.B., LL.B., *Under Secretary*

VICTOR BUENCAMINO, D.V.M., *Acting Under Secretary*

THE PHILIPPINE JOURNAL OF SCIENCE

Published by the Bureau of Science, Department of Agriculture
and Commerce

[Entered at the Post Office at Manila, P. I., as second-class matter.]

A. S. ARGÜELLES, B.S., *Editor*

LEOPOLDO A. FAUSTINO, E.M., PH.D., *Associate Editor*

RICHARD C. MCGREGOR, A.B., *Managing Editor*

CONTRIBUTING EDITORS

Chemistry

MANUEL L. ROXAS, PH.D.; A. P. WEST, PH.D.; T. DAR JUAN, PHARD.

F. D. REYES, B.S.; F. T. ADRIANO, PH.D.; R. H. AGUILAR, CH.E.

A. J. HERMANO, Sc.D.; J. C. ESPINOSA, B.S. IN CH.E.

MARIA Y. OROSA, PH.C., M.S.

Geology

V. ELICAÑO, B.S.; Q. A. ABADILLA, E.M.; JOSÉ M. FELICIANO, PH.D.

Experimental Medicine

ONOFRE GARCIA, M.D.; H. W. WADE, M.D.; ARTURO GARCIA, M.D.

DANIEL DE LA PAZ, M.D.; CRISTOBAL MANALANG, M.D.

VICTOR BUENCAMINO, D.V.M.; TEODULO TOPACIO, D.V.M., D.Sc.

Clinical Medicine

LIBORIO GOMEZ, M.D., PH.D.; F. CALDERON, L.M.

JACOBO FAJARDO, M.D.; JOSÉ ALBERT, M.D.; H. LARA, M.D.

JOSÉ RODRIGUEZ, M.D.; CARMELO REYES, M.D.

Botany

WILLIAM H. BROWN, PH.D.; J. K. SANTOS, PH.D.; P. L. SHERMAN, PH.D.

LEON MA. GUERRERO, PHAR.D.; A. F. FISCHER, C.E., M.F.

EDUARDO QUISUMBING, PH.D.; T. G. FAJARDO, PH.D.

JOAQUIN MARAÑON, Sc.D; RAFAEL B. ESPINO, PH.D.

NICANOR G. TEODORO, PH.D.; VICENTE G. ALDABA, PH.D.

FELICIANO M. CLARA, PH.D.; JUAN P. TORRES, PH.D.; LUIS P. REYES, B.S.F.

Zoölogy

MARCOS A. TUBANGUI, D.V.M.; HERACLIO R. MONTALBAN, M.A.

LEOPOLDO B. UICHANCO, Sc.D.; GONZALO MERINO, PH.D.

FAUSTINO Q. OTANES, M.S.; HILARIO A. ROXAS, PH.D.

MANUEL D. SUMULONG, M.S., D.V.M.; LOPE M. YUTUC, D.V.M.

DEOGRACIAS VILLADOLID, PH.D.; CANUTO G. MANUEL, Sc.D.

Anthropology

H. O. BEYER, M.A.; OTTO JOHNS SCHEERER, M.A.; E. E. SCHNEIDER, B.L.

CONTENTS

No. 1, May, 1935

[Issued July 13, 1935.]

	Page.
SHAPARENKO, K. <i>Ginkgo adiantoides</i> (Unger) Heer; contemporary and fossil forms	1
One plate and eight text figures.	
SERRANO, F. B. Control of bacterial fruitlet rots of the Pineapple in the Philippines	29
One plate and two text figures.	
BAISAS, F. E. Notes on Philippine mosquitoes, II: <i>Uranotaenia</i> group	63
Four plates and one text figure.	
ALEXANDER, CHARLES P. New or little-known <i>Tipulidae</i> from eastern Asia (Diptera), XXV	81
Four plates.	
No. 2, June, 1935	
[Issued August 21, 1935.]	
CAPINPIN, JOSÉ M. A genetic study of certain characters in varietal hybrids of cowpea	149
One plate.	
BAISAS, F. E. Notes on Philippine mosquitoes, III: Genus <i>Culex</i> : Groups <i>Lophoceratomyia</i> , <i>Mochthogenes</i> , and <i>Neoculex</i>	167
Four plates and two text figures.	
GRESSITT, J. LINSLEY. New species and records of Longicorns from Formosa (Coleoptera: Cerambycidae)	181
ALEXANDER, CHARLES P. New or little-known <i>Tipulidae</i> from eastern Asia (Diptera), XXVI	195
Three plates.	
ABADILLA, QUIRICO A. Geology of the white-clay deposits in Siruma Peninsula, Luzon	227
One plate.	
MACEDA, GENEROSO S. The Dumagats of Famy.....	235
Five plates.	
AFRICA, CANDIDO M., and EUSEBIO Y. GARCIA. Heterophyid trematodes of man and dog in the Philippines with descriptions of three new species	253
Four plates.	
ROSARIO-RAMIREZ, TERESA V., and ONOFRE GARCIA. Results of the bacteriological examination of ice drops manufactured in Manila	269
Three plates.	
HERMANO, A. J., and FROILAN EUBANAS. The treatment of human beriberi with crystalline antineuritic vitamin.....	277
MARAÑON, JOAQUIN, and LUZ COSME. The nitrogen distribution and carbohydrate partition in Philippine rice bran.....	289

No. 3, July, 1935

[Issued August 23, 1935.]

	Page.
UICHANCO, JOSÉ B. The methylene blue reduction test: Its efficiency and interpretation under Philippine conditions.....	295
One text figure.	
HERMANO, A. J., and SAGRARIO CLARAVALL. MINERAL constituents in fresh and canned milk.....	323
KING, W. V., and F. DEL ROSARIO. The breeding habits of <i>Anopheles litoralis</i> and <i>A. indefinitus</i> in salt-water ponds.....	329
Seven plates and two text figures.	
PRIESNER, H. New or little-known oriental Thysanoptera	351
BEY-BIENKO, G. Acridiidæ and Tettigoniidæ from Luzon, Philippine Islands	377
Eleven text figures.	

No. 4, August, 1935

[Issued October 5, 1935.]

ROSELL, D. Z., and A. S. ARGÜELLES. The soil of Tagaytay Ridge, Cavite	409
One plate and one text figure.	
TANCHICO, SIMEONA SANTIAGO. Products from coconut-oil wax.....	423
TOPACIO, TEODULO. Glycerinated rinderpest vaccine stored at room temperature	427
VAZQUEZ-COLET, ANA. The Pasteur antirabic treatment at the Bureau of Science, Manila	435
AFRICA, CANDIDO M., and E. Y. GARCIA. Two more new heterophyid trematodes from the Philippines.....	443
One plate.	
GARCIA, E. Y., and C. M. AFRICA. <i>Diphyllobothrium latum</i> (Linnæus, 1758) Lühe, 1910, in a native Filipino.....	451
One plate.	
QUISUMBING, EDUARDO. Teratology of Philippine orchids, II.....	459
One plate.	
SKVORTZOW, B. W. Diatoms from Poyang Lake, Hunan, China....	465
Three plates.	
SCHEDL, KARL E. Scolytidæ and Platypodidæ: New species from the Philippine Islands and Formosa	479
TOKUNAGA, MASAAKI. Chironomidæ from Japan (Diptera), IV: The early stages of a marine midge, <i>Telmatotetron japonicus</i> Tokunaga	491
Three plates and one text figure.	
ERRATA	513
INDEX	515

